

DAILY FIELD ACTIVITY REPORT

PROJECT NAME: Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

DATE: Tuesday, May 22, 2018	WEATHER: Sunny, high of ~85 degrees F
Personnel and Visitors Onsite: CDM Smith: Jennifer Jones; AECOM: Mark Tauscher; NRC/vessel operator: Dave Glad	
Planned Activity: <ul style="list-style-type: none">First monthly check of acoustic receivers deployed in the river for the fish tracking study.	
Activity Completed: <p>A tailgate safety meeting was led by AECOM. Topics discussed included PPE, planned activities, and weather.</p> <p>Jennifer Jones performed oversight of the first monthly check of acoustic receivers from 07:30 to 16:45 on board a vessel operated by NRC. Specific activities completed by AECOM (Mark Tauscher) are as follows:</p> <ul style="list-style-type: none">All 34 acoustic receivers were checked for operational "health", including battery life, memory, mooring tilt, and temperature.Communication with each receiver also enabled collection of data on numbers of detections of the receiver itself, nearby receivers, tagged fish, and reference tags deployed in the river.	
Status of Schedule & Priority Work: <ul style="list-style-type: none">The monthly field check was completed. All receivers (with one exception, as described below), exhibited normal operational status. All were within acceptable range for mooring tilt (generally less than 10 degrees). All had at least 80 percent battery life remaining. One receiver (#24, deployed in Swan Island Lagoon) may be experiencing an issue as it is giving a "fault" error message and indicating that 100 percent of the memory is used. However, it appears to be collecting data normally. Two other receivers also exhibited a "fault" error but were showing only 0-4 percent memory used (the amount that all other receivers had used). Despite this, all 34 receivers appeared to be collecting data and operating as expected.All tagged fish were detected by one or more receiver. In some locations, the fish was detected just prior to checking the receiver, indicating that particular fish was present in the river nearby at the time of the check.	
Issues/Concerns/Resolutions (include work performed that was not planned or anticipated): <p>Mark Tauscher (AECOM) plans to discuss the issue of the "fault" at receiver #24 and may attempt to check the receiver again tomorrow when he is in Swan Island Lagoon. If the memory still reads full, the receiver may need to be lifted up to check the unit.</p>	
Samples Collected, Measurements Made, Photographs: (List Locations, Matrix & Sample type): <p>Data on each receiver's condition and detections were collected by AECOM throughout the day.</p> <p>Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.</p>	
Borings Completed (Include total footage drilled for each boring): <p>None</p>	
Wastes Generated and How Handled: <p>None</p>	
Health and Safety Issues, Equipment Needs, Staffing: <p>None</p>	

Signature: Jennifer Jones

DATE May 22, 2018
